

For Research Use Only

# METTL9 Recombinant antibody

Catalog Number: 83531-5-RR



## Basic Information

<b>Catalog Number:</b> 83531-5-RR	<b>GenBank Accession Number:</b> BC000195	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51108	<b>CloneNo.:</b> 240510A2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H1A3	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Isotype:</b> IgG	<b>Full Name:</b> methyltransferase like 9	
<b>Immunogen Catalog Number:</b> AG7191	<b>Calculated MW:</b> 37 kDa	
	<b>Observed MW:</b> 40-45 kDa	

## Applications

<b>Tested Applications:</b> WB, FC (Intra), ELISA	<b>Positive Controls:</b> WB : HEK-293 cells,
<b>Species Specificity:</b> human	

## Background Information

METTL9 is a broad-specificity methyltransferase that mediates the formation of the majority of 1-methylhistidine(1MH) present in mouse and human proteomes.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

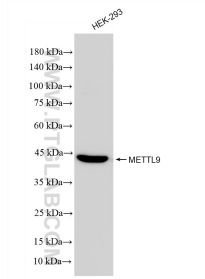
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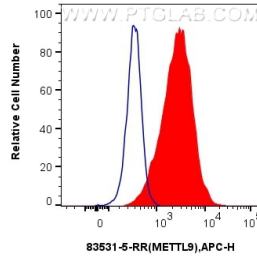
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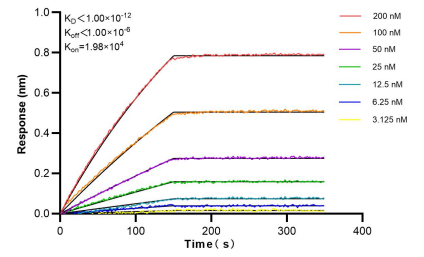
## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 83531-5-RR (METTL9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  HepG2 cells were intracellularly stained with 0.25  $\mu$ g METTL9 Recombinant antibody (83531-5-RR, Clone:240510A2) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 83531-5-RR against Human METTL9 were performed. The affinity constant is below 1 pM.